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18 July 2001 - 19th July 2001

The Four Seasons Hotel. 98 San Jacinto Boulevard, Austin, TX 78701-4039, USA, Tel: +1 (512) 478-4500, Fax (reservations): +1 (512) 477-0704

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The next meeting of the Real-time and Embedded Systems Forum takes place at the Four Seasons Hotel in Austin, Texas on July 18-19

About the Real-time and Embedded Systems Forum

Our mission is to offer all organizations concerned with real-time and embedded systems solutions a forum, where we can share knowledge, integrate open initiatives, and certify approved products and processes.

IEEE PASC SSWG-RT Meeting Co-located

The IEEE PASC Realtime System Services working group will be meeting co-located with the Real-time and Embedded Systems Forum in Austin.

The PASC SSWG-RT working group develops the IEEE profile standards (the POSIX 1003.13 series), and the POSIX real-time standards. The group will meet from Monday July 16 through to Friday Noon July 20. Further information can be obtained from the PASC website at <http://www.pasc.org/SSWG-RT/>.

Agenda Version 1.2 (dated 20 June 2001)

In Austin, the forum will meet for two days on the Wednesday and Thursday. The format for this meeting is one of interactive working sessions interspersed with invited presentations. There is a general wrap up session of the whole conference on the Friday morning.

Wednesday July 18th

9:00 - 10:30 General Plenary

The general session processes the general business of the forum, including high level reports from the subgroups, and liaison reports from other consortia and standards activities. A detailed agenda is available at <http://www.opengroup.org/rtforum/agenda-wg.html>

Break

11:00 - 12:30 Safety Critical Software

A session on Safety-critical software will assess requirements and how the forum can address this area. This session is being led by Dave Emery and will include presentations and a discussion.

Lunch

2:00 - 5:30 Security Working Group Open Session

Session Leader: Sam Bowser

The Security Interest Group will be evaluating the response to its call for information for security requirements for real-time and embedded systems. This will commence with several presentations on current approaches for security, and be followed by a general discussion.

Invited speakers include:

Mark Meixner, Green Hills Software, -- *Secure Operating System*

Edwin Lee, Raytheon, -- *Secure Operating System*

Mark Johannes, OAR Corporation, -- *Security Needs in RTEMS*

Robert Allen, Boeing, -- *Security Requirements*

Sam Bowser, Aerospace Corp., -- *An Approach to Security for Soft Programmable Radios*

This will be followed by a discussion of security requirements for real-time and embedded systems.

Includes a Break at 3:30 - 4:00

- Thursday July 19th

9:00 - 10:30 QoS/Real-Time and Embedded Systems (Joint Working Group)

A joint session with the QoS group (Thursday morning) at which they will review the quality of service scenario developed since the Berlin meeting.

Parallel Breakout - Security Working Group.

The security working group will continue working on its charter and white paper.

Break

11:00 - 12:30 QoS/Real-Time and Embedded Systems (Joint WorkingGroup)

Parallel Breakout - Security Working Group Cont'd

Lunch

2:00 - 3:30 Profiles Working Group Open Session

This session includes invited presentations from the following:

Joe Gwinn, IEEE SSWG-RT Chair, -- *POSIX Status Update*

Doug Robinson, DISA, -- *APIs and Profiles needs for RT DII COE*

Linux rep., TBD, -- *Embedded Linux Profile needs.*

This will then be followed by a discussion session on requirements for new profiles, in particular addressing:

- Can we bring together the EL/IX specification and the POSIX 1003.13 profiles
- What is missing from the current profiling efforts?

Break

4:00 - 5:30 Requirements for Hard Real-time Behavior in Java®

This session is being led by Glen Logan, OSJTF and Robert Allen, Boeing, and will consist of a short presentation followed by an open discussion.

6:30 -- Informal social event (location TBD)

On the evening after the Forum there will be an informal social event (no host), which is an opportunity for attendees to come socialize and talk shop with each other. You may be interested in joining forces or at least coordinating your efforts with other Real-Time standards developers.

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